



Small Teaching & MCQ Alternatives

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Outline



“Small Teaching”

- Low-Stakes Assessments

MCQ Alternatives

- Parajumble
- First Solve, Then Answer
- Extended matching

ALTERNATIVES TO THE MCQ

Extended Matching



- High reliability
- Well suited to testing core knowledge
- Includes 4 elements
 - Theme
 - Option list
 - Lead-in statement
 - Item stems

First Solve, Then Answer

One of the following statements is wrong. Identify which one is incorrect, and then rewrite it so that it is correct.

- A. Moonshine is made from corn.
- B. Rum is made from potatoes.
- C. Wine is made from grapes.
- D. Tequila is made from agave.



Parajumble

Choose the most logical diagnostic sequence from among the given choices for a 3-year-old, intact female Chihuahua

1. Hard, smooth object noted in caudal abdomen on abdominal palpation
2. Frequent urination & hematuria
3. Amoxicillin-clavulanic acid 62.5 mg BID PO, 2 weeks
4. Urinalysis positive for leukocytes

Choices

A: 1324

B: 3142

C: 2143

D: 1423



Mostly MCQ with others sprinkled in



Fact Sheet

- Mechanism
- Organism
- Disease
- Research study recruitment



alzheimer's association®

factsheet

MARCH 2012 alz.org

2012 Alzheimer's Disease Facts and Figures

The graying of America means the bankrupting of America – and Alzheimer's is a major reason why.

- In 2012, the direct costs of caring for those with Alzheimer's to American society will total an estimated \$200 billion, including \$140 billion in costs to Medicare and Medicaid.
- Average per person Medicare costs for those with Alzheimer's and other dementias are three times higher than for those without these conditions. Medicaid spending is 19 times higher.
- Unless something is done, the costs of Alzheimer's in 2050 are estimated to total \$1.1 trillion (in today's dollars). Costs to Medicare and Medicaid will increase nearly 500 percent.

Alzheimer's makes treating other diseases more expensive – increasing costs across the health care system.

- Most people with Alzheimer's have one or more other serious medical conditions. Dementia complicates management of these conditions.
- A senior with diabetes and Alzheimer's costs Medicare 81 percent more than a senior who has diabetes but no Alzheimer's.
- A senior who has cancer and Alzheimer's costs Medicare 53 percent more than a senior with cancer but no Alzheimer's.

2012 Costs of Alzheimer's = \$200 Billion

Category	Cost (Billion)
Medicare	\$104.5b
Medicaid	\$35.5b
Out-of-Pocket	\$33.8b
Other	\$26.2b

Costs are growing because the number of people with the disease is growing – and fast.

- Today, 5.4 million Americans are living with Alzheimer's disease – 5.2 million aged 65 and over, and 200,000 under the age of 65. By 2050, up to 16 million will have the disease.
- Of Americans aged 65 and over, 1 in 8 has Alzheimer's, and nearly half of people aged 85 and older have the disease.
- Another American develops Alzheimer's disease every 68 seconds. In 2050, an American will develop the disease every 33 seconds.

SMALL TEACHING

James M. Lang

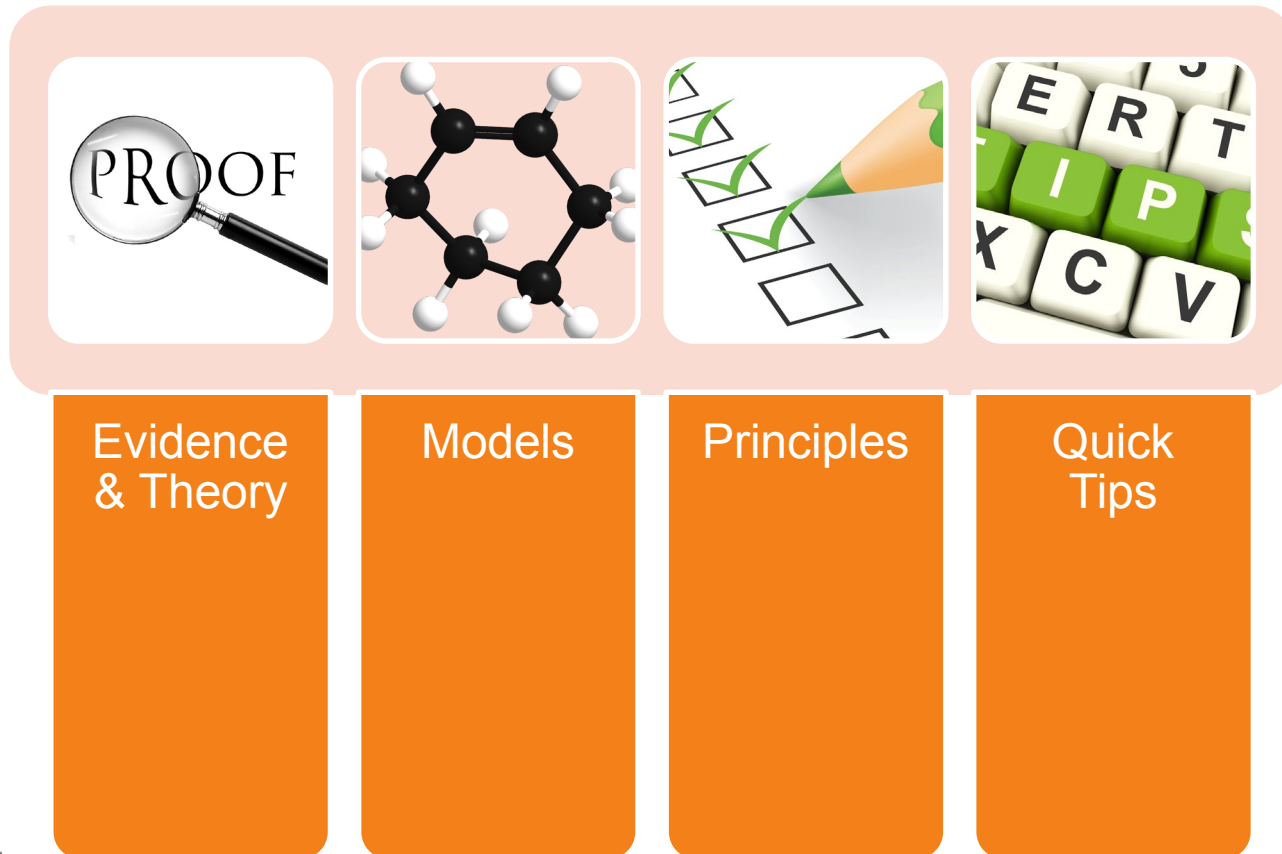
Small Teaching: Everyday Lessons from the Science of Learning

2016

Book Chapter Format



- Chapter Theme



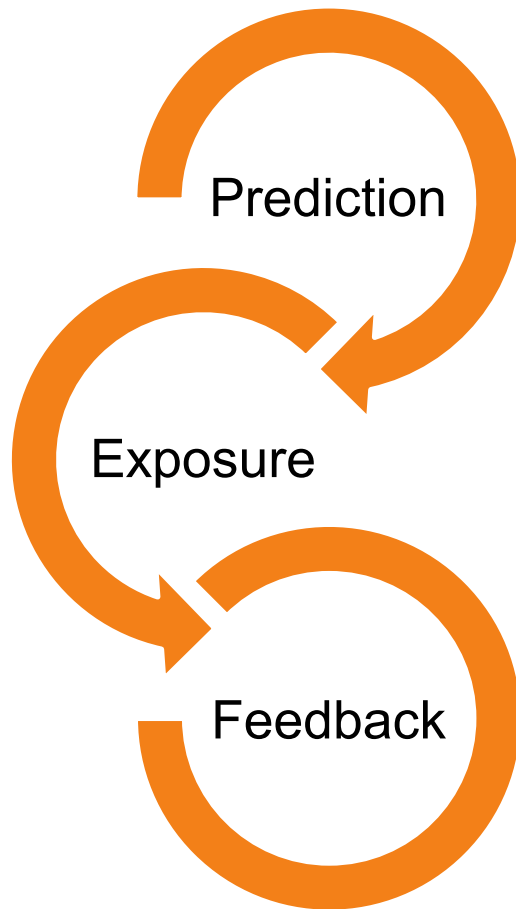
Retrieving



- Retrieval effect
 - Opening questions
 - Closing questions



Predicting



- Ungraded pre-tests
- Clicker prediction
- Opening or closing predictions

Understanding

- What do you already know?
- What do you want to Know?



Practicing



- Completing tasks automatically
- But not *too* automatically
- Create practice opportunities
- Space out the practice
- Provide feedback



Self-Explanation

- Why are you doing that?
- Peer instruction

